

**PATENT COOPERATION TREATY  
IN THE UNITED STATES ELECTED OFFICE (EO/US)  
371 FORMALITIES LETTER**

US 10/523,175 8784  
US APPLICATION NUMBER CONFIRMATION NO.

PCT/EP03/08312 28 July 2003 29 July 2002  
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED

Impedance Measurement in a Fluidic Microsystem  
TITLE OF INVENTION

SCHNELLE, Thomas; MUELLER, Torsten; SHIRLEY, Stephen  
APPLICANTS

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this paper, along with any documents referred to as being enclosed therewith, is being deposited with the United States Postal Service on **14 September 2005** in an envelope as "Express Mail Post Office to Addressee," Mailing Label No. **EV 299889545 US**, addressed to Mail Stop PCT EO/US, P.O. Box 1450, Alexandria, VA 22313-1450.

Jane D. Roberts  
JANE D. ROBERTS

Mail Stop PCT ATTN: EO/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
IN THE UNITED STATES ELECTED OFFICE DATED 4 AUGUST 2005**

Applicants enclose herewith for filing in the above-referenced application the following documents responsive to the outstanding NOTIFICATION OF MISSING REQUIREMENTS:

1. Executed Combined Declaration/Power of Attorney, true copy
2. Check for Surcharge of \$130.00.

Respectfully submitted,

Matthew P. McWilliams  
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Date: **September 14, 2005**  
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
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www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/523,175	Thomas Schnelle	46955.21

041068  
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INTERNATIONAL APPLICATION NO.	
PCT/EP03/08312	
LA. FILING DATE	PRIORITY DATE
07/28/2003	07/29/2002

CONFIRMATION NO. 8784  
371 FORMALITIES LETTER  
  
\*OC000000016703105\*

Date Mailed: 08/04/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/28/2005
- English Translation of the IA filed on 01/28/2005
- Copy of the International Search Report filed on 01/28/2005
- Copy of IPE Report filed on 01/28/2005
- Preliminary Amendments filed on 01/28/2005
- Information Disclosure Statements filed on 01/28/2005
- U.S. Basic National Fees filed on 01/28/2005
- Priority Documents filed on 01/28/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE

RECEIVED

AUG 16 2005

**DATE OF THIS NOTICE OR 3 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/523,175	PCT/EP03/08312	46955.21